

BIOSPERSE XD7107

BIOCIDE

INDUSTRIAL
GUARANTEE:

SODIUM CHLORITE 25%

REGISTRATION No. 24808 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

DANGER
POISON - CORROSIVE

CORROSIVE TO EYES AND SKIN

READ THE LABEL BEFORE USING

NET CONTENTS XWGTX

LOT # XBATX

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LIQUID BLEND OF SODIUM CHLORITE FOR USE AS A PAPER MILL SLIME CONTROL.

USE RESTRICTION:

This product is to be used only in closed system chlorine dioxide generators for controlling slime forming organisms in Pulp and Paper process waters. Follow all instructions for the chlorine dioxide generator carefully and follow all safety measures required for the use of this product and the generator. Generators are to be installed, adjusted and maintained by specially trained service representatives only.

DIRECTIONS FOR USE:

PULP AND PAPER MILLS.

- 1) Biosperse XD7107 is to be used only in closed system generators designed specifically for generating chlorine dioxide. Eg. GENEROX one, or three pump systems. Read carefully and follow all instructions for operating and maintaining the chlorine dioxide generator. Operators and maintenance personnel require specialized training.
- 2) For continuous treatment, maintain a point source residual chlorine dioxide level of 0.5 ppm to 5.0 ppm depending on microbial pressure on the system. For cleaning systems and for slug or intermittent treatment, treat the system to obtain a point source level of 5.0 ppm to 100 ppm chlorine dioxide in the system. Refer to Drew analytical methods to determine the chlorine dioxide demand and to calculate appropriate residual chlorine dioxide levels for the system."
- 3) "Read the product safety bulletin for Biosperse XD7107 and the product safety bulletin and MSDS sheets for co-reactants prior to using this product.

ONE PUMP METHOD:

For intermittent feed add 2.555 to 51.1 ppm BIOSPERSE XD7107 and 2.630 to 52.6 ppm chlorine gas. For continuous feed add 0.255 to 2.555 ppm of BIOSPERSE XD7107 and 0.263 to 2.630 ppm of chlorine gas.

THREE PUMP SYSTEM:

For intermittent feed add 2.555 to 51.1 ppm BIOSPERSE XD7107, 2.15 to 43.0 ppm DREW 6110 (sodium hypochlorite) and 0.90 to 18.0 ppm DREW 6005 (hydrochloric acid). For continuous feed add 0.255 to 2.555 ppm BIOSPERSE XD7107, 0.215 to 2.15 ppm DREW 6110 (sodium hypochlorite) and 0.09 to 0.9 ppm DREW 6005 (hydrochloric acid).

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. DANGER - CORROSIVE TO EYES AND SKIN. Harmful if swallowed or inhaled. Do not get in eyes, on skin, mucous membranes or on clothing. Do not inhale. Wear long sleeved shirt and long pants, chemical resistant gloves, goggles or face shield, a chemical resistant apron and boots when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, smoking and using toilet. Remove contaminated clothing and wash before reuse. DO NOT WEAR contaminated clothing.

PHYSICAL AND CHEMICAL CAUTIONS:

This material is corrosive and a strong oxidizing agent. Contact with organic matter may cause fire or explosion. Mixing with acids or alcohol or other chemicals may cause evolution of chlorine and chlorine dioxide gas mixture which is toxic and may be explosive. Avoid contamination with combustible materials such as oils, grease, solvents, paint products etc as rapid burning may occur.

STORAGE: Store in a cool, dry area. (<25°C)

FIRST AID:

CONTACT WITH SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

INGESTION: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

CONTACT WITH EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

DISPOSAL:

1. Triple- or pressure- rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of spill, and for clean-up of spills.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

This product is highly toxic to aquatic invertebrates and moderately toxic to water fowl. Do not contaminate lakes, ponds, rivers, streams, estuaries, or oceans, by direct application, cleaning of equipment or disposal of wastes. Do not discharge effluent that has been treated with chlorine dioxide generated by this product into these waters unless the effluent has been detoxified by suitable means such as waste treatment. For further environmental information refer to Drew Environmental Profile sheet OX -EP-003. Open dumping is prohibited.

DECONTAMINATION:

Contain spilled material, then add sodium sulfite at 2.8 parts per 1 part of sodium chlorite. Do not allow oxidizable or other incompatible materials to come into contact with spilled material. Use copious amounts of water to flush the residual to a sanitary sewer or waste treatment plant. DO NOT FLUSH INTO SURFACE WATERS.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

UN # 1908 Sodium chlorite solution, with more than 5% available chlorine

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